



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: John B. Fenn, et al :

Serial No.: 07/911,405 : PATENT

Filed: July 10, 1992 :

Docket: Orig. Attny: 840.004 :
Pres. Attny: JBF.MCI :

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

SUPPLEMENT TO AMENDMENT AND RESPONSE OF 10/10/95

Sir:

In the Office Action of 7/10/95 the Examiner proposed amendments which would put all Claims in allowable form. In his response of 10/10/95 Applicant proposed further amendments to Claims 67 through 166 and asked the Examiner to cancel Claims 167 through 187 and to add new Claims 188 through 199. Since submitting that response Applicant has merged his amendments with those of the Examiner to arrive at a complete set of complete claims which he finds much easier to appraise and verify than an unintegrated patchwork of amendments to the original claim statements. In the hope that they may also be useful to the Examiner, Applicant is taking the liberty of forwarding the following set of complete claims which resulted from his integration of the amendments into a whole. Incorporated in these complete claim statements are some further minor amendments which Applicant believes improve the accuracy and consistency with which the claims define the invention. Significant additions and changes are underlined in the following complete set of complete claims.

Claim 67 (amended). A composition of matter comprising a population of multiply charged polyatomic ions derived from a distinct polyatomic parent molecular species, all molecules of said distinct polyatomic parent molecular species having substantially the same molecular weight and chemical identity, the number of charges on each ion in said population of multiply charged polyatomic ions defining that ion's charge state number, said population of multiply charged